Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044766.D
Acq On : 13 Mar 2020 14:19
Operator : CG/JU
Sample : PB127481BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Manual Integrations APPROVED
mohammad
3/16/2020 1:51:37 PM

Quant Time: Mar 13 15:39:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	130791	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	553696	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	382177	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	849855	20.00	ng		0.00
76) Chrysene-d12	21.71	240	728489	20.00	ng		0.00
87) Perylene-d12	24.92	264	688157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1056579	125.76	ng		0.00
7) Phenol-d6	7.21	99	1511614	123.83	ng		0.00
23) Nitrobenzene-d5	9.21	82	848328	67.23	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	581164	116.14	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1722318	64.54	ng		0.00
79) Terphenyl-d14	20.05	244	2439384	62.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	134730	33.300	ng		98
3) Pyridine	3.91	79	349855	29.209	ng		98
4) n-Nitrosodimethylamine	3.82	42	180737	39.771	ng		98
6) Aniline	7.37	93	523467	34.462	ng		99
8) 2-Chlorophenol	7.62	128	401964	47.926	ng		99
9) Benzaldehyde	7.18	77	154207	17.152	ng		98
10) Phenol	7.24	94	565676	46.806	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	407570	42.256	ng		99
12) 1,3-Dichlorobenzene	7.94	146	397735	38.496	ng		95
13) 1,4-Dichlorobenzene	8.09	146	402748	39.430	ng		99
14) 1,2-Dichlorobenzene	8.41	146	389046	40.160	ng		97
15) Benzyl Alcohol	8.29	79	445447	45.480	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	648556	38.103	ng		99
17) 2-Methylphenol	8.49	107	390281	47.674	ng		97
18) Hexachloroethane	9.15	117	158789	39.486	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	358974	41.646	ng		98
20) 3+4-Methylphenols	8.82	107	530171	46.980	ng		98
22) Acetophenone	8.88	105	626341	39.929	ng	#	97
24) Nitrobenzene	9.25	77	533702	40.764	ng		98
25) Isophorone	9.78	82	987580	40.102	ng	#	97
26) 2-Nitrophenol	9.97	139	218502	48.063	ng		97
27) 2,4-Dimethylphenol	10.03	122	396495	49.440	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	564580	38.415	ng		96
29) 2,4-Dichlorophenol	10.50	162	414894	44.292	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	432889	38.649	ng		98
31) Naphthalene	10.92	128	1217359	39.689	ng		98
32) Benzoic acid	10.18	122	279754	45.427	ng		97
33) 4-Chloroaniline	11.01	127	327068	23.668	ng		98
34) Hexachlorobutadiene	11.21	225	282902	38.408	ng		98
35) Caprolactam	11.79	113	154449m	43.549	ng		
36) 4-Chloro-3-methylphenol	12.13	107	479650	42.934	ng		95
37) 2-Methylnaphthalene	12.52	142	912122	39.754	ng		97
38) 1-Methylnaphthalene	12.74	142	865564	40.128	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	487954	38.769	ng		99

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Quant Time: Mar 13 15:39:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	545747	79.341	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	358679	42.941	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	371924	42.935	ng		99
46) 1,1'-Biphenyl	13.52	154	1138293	37.271	ng		99
47) 2-Chloronaphthalene	13.57	162	871668	37.362	ng		98
48) 2-Nitroaniline	13.75	65	342730	41.961	ng		99
49) Acenaphthylene	14.41	152	1428630	39.087	ng		100
50) Dimethylphthalate	14.14	163	1152065	37.849	ng		100
51) 2,6-Dinitrotoluene	14.25	165	262980	42.862	ng		98
52) Acenaphthene	14.75	154	1028647	42.973	ng		98
53) 3-Nitroaniline	14.58	138	209352	29.679	ng		94
54) 2,4-Dinitrophenol	14.78	184	283070	87.428	ng	#	68
55) Dibenzofuran	15.09	168	1337315	38.526	ng		98
56) 4-Nitrophenol	14.89	139	476884	88.583	ng		98
57) 2,4-Dinitrotoluene	15.04	165	364998	43.376	ng	#	95
58) Fluorene	15.73	166	1094206	38.320	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	347319m	43.550	ng		
60) Diethylphthalate	15.51	149	1181737	37.223	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	603414	39.245	ng		99
62) 4-Nitroaniline	15.75	138	264696	35.191	ng		99
63) Azobenzene	16.02	77	1250050	37.917	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	205915	50.927	ng		98
66) n-Nitrosodiphenylamine	15.94	169	1001344	39.136	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	410712	38.657	ng		98
68) Hexachlorobenzene	16.74	284	437439	37.951	ng		99
69) Atrazine	16.89	200	415793	44.355	ng		99
70) Pentachlorophenol	17.09	266	553298	87.244	ng		98
71) Phenanthrene	17.48	178	1723184	37.943	ng		99
72) Anthracene	17.57	178	1726962	38.564	ng		100
73) Carbazole	17.83	167	1654319	38.458	ng		98
74) Di-n-butylphthalate	18.40	149	1924600	36.806	ng		98
75) Fluoranthene	19.48	202	2066350	38.213	ng		98
77) Benzidine	19.65	184	607368	25.682	ng		97
78) Pyrene	19.84	202	2055736	38.463	ng		96
80) Butylbenzylphthalate	20.73	149	903148	37.983	ng		99
81) Benzo(a)anthracene	21.69	228	2003723	38.198	ng		96
82) 3,3'-Dichlorobenzidine	21.60	252	711825	35.076	ng		98
83) Chrysene	21.75	228	1875584	37.431	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	1247536	38.016	ng		99
85) Di-n-octyl phthalate	22.84	149	2136521	38.907	ng		99
86) Indeno(1,2,3-cd)pyrene	28.59	276	2556473	38.916	ng		99
88) Benzo(b)fluoranthene	23.91	252	2198205	48.386	ng		100
89) Benzo(k)fluoranthene	23.98	252	2046581	47.603	ng		99
90) Benzo(a)pyrene	24.78	252	1988105	46.768	ng		100
91) Dibenzo(a,h)anthracene	28.65	278	2070657	49.374	ng		99
92) Benzo(g,h,i)perylene	29.74	276	2106407	49.713	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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